

mechanism adapted to move the pair of heads bearing both series of arms simultaneously in opposite directions, substantially as and for the purpose set forth.

- 5 6. In a machine for hooping casks, the combination of reciprocating heads C and C', operated by mechanism moving them variable distances simultaneously in opposite directions, and bearing rigid arms E, pressed inwardly by
10 the springs F⁵, with the elastic arms F³, for the purpose of opening the arms E' and applying the shoulders of the several arms E to irregularities in the shape of the hoops, and driving the hoops on or drawing the hoops off from a
15 cask, substantially as set forth and described.

7. The combination of the double series of arms E', connected elastically by the spring-arms F³ and rods F to a single opening and closing mechanism, and hinged to the jaws D, with the pair of heads C and C', rigidly secured
20 to said jaws D and arranged to move simultaneously in opposite directions, substantially as and for the purpose set forth.

In witness whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

MARIA E. BEASLEY.

Witnesses:

VAN WYCK BUDD,
J. DANIEL EBY.